

Universal Airlock for Pneumatic Conveying Systems

With tens of thousands of installations throughout the world, the Schenck Process Multi-Duty (MD) airlock is a highly universal airlock used to meter dry bulk materials under feeding devices, such as bins, hoppers, mixers, screw conveyors and sifters.

Providing rugged service, the MD Airlock is suitable for use in dilute phase vacuum, pressure or combination vacuum/pressure pneumatic conveying systems. Low mounting height is ideal for space restricted applications. With a low profile and a wide flange width, the MD Airlock is able to match drill hole patterns of many competitor's valves for easy replacement. A domed hopper cover and open bottom frame speeds and optimizes draining during and after wash-down cycles. Smooth, crevice-free product contact surfaces at 32 micro inch or better help prevent the formation of bacteria.

The MD Airlock has a cast housing and endplates with a square flange. The rotor and housing are precision machined to obtain a high degree of accuracy and close tolerances. Close tolerances hold the differential pressure across the valve to reduce air leakage. Reducing leakage saves supply gas, reduces spikes in velocity and stabilizes the system.



See Schenck Process at IPPE Booth A2926.

Schenck Process
Kansas City, MO
www.schenckprocess.com/us
sales_fcp@schenckprocess.com